

WHAT IS CLAIMED IS:

1 *Sub* 1. An acoustic signal monitoring system, comprising:
2 *AI* a time series analyzer configured to determine and provide a
3 continuous feedback about an on/off state of a microphone to a
4 user, said analyzer also enabling gain adjustment to prevent
5 signal clipping or amplifier overloading; and
6 a parameter adjustment element operating to calculate
7 frequency domain parameters, said frequency domain parameters
8 providing information about placement of the microphone with
9 respect to an audio source, where said information enables the
10 user to take appropriate actions to enhance operation of an audio
system.

11 2. A method comprising:
12 determining information about an on/off state of a
13 microphone; and
14 continuously providing a feedback based on said information.

15 3. A method comprising:
16 determining information about a quality of an acoustic
17 signal; and
18 continuously providing a feedback based on said quality
19 information.

1 4. The method of claim 3, wherein said quality information
2 of said acoustic signal is signal clipping information.

1 5. The method of claim 3, wherein said quality information
2 of said acoustic signal is a signal-to-noise ratio.

1 6. The method of claim 5, where said signal-to-noise ratio
2 provides information about placement of a microphone with respect
3 to an audio source.

1 7. An apparatus comprising a computer-readable storage
2 medium having executable instructions that enable the computer
3 to:

4 determine information about a quality of an acoustic signal;
5 and

6 continuously provide a feedback based on said quality
7 information.